THERMOCHIMICA ACTA, VOLUME 108 (1986)

AUTHOR INDEX

Ahmed, I.K. 105
Al-Sammerrai, D. 91
Armand, J.Y. 345

Bertrand, G. 289
Błażejowski, J. 239, 265
Bourgois, J. 345

Casais-Alvarez, M.T. 29
Cesari, E. 337
Chan, H.S.O. 73
Chanaa, M'B.B. 289
Chaudhuri, N.R. 97
Cohen, M.D. 79
Cordfunke, E.H.P. 45

Daugherty, K.E. 79
De, G. 97
Dollimore, J. 211
Domingo-Garcia, M. 181

Elsemongy, M.M., 115, 133

Font, J. 337
Fresno-Ruiz, S. 33

Gantar, D. 149
García-Clavel, M.E. 29, 33
Ghosh, A. 97
Gierycz, P. 229
Gomez de Salazar, J.M. 33
Goñi-Elizalde, S. 33
Greci, L. 163
Gutierrez-Valero, M.D. 181

Henning, K. 175
Hossain, T. 211

Jasim, F. 157
Jasim, H.H. 157
Jimenez, E. 221
Jonasson, R.G. 65

Kettrup, A. 175
Kherami, J. 279
Kilany, A. 29
Knapp, H. 9
Kneller, W.A. 357
Kowalewska, E. 239
Krug, J. 9

Lallemant, M. 289
López-Garzón, R. 181
Lozano, R. 1
Lusty, J.R. 73

Marrosu, G. 163
Martínez-Garzón, A.M. 181
Martínez-Lope, M.J. 29
Matuschek, G. 175
McKee, D.W. 389
Mohammad, F.A. 105
Moragues, A. 1
Muntasell, J. 337

Nadeau, D. 279
Nagata, I. 305
Najib, F.M. 105

Navarro, J. 337

Ohashi, H. 189
Ohrbach, K.-H. 175
Ordoñez, D. 221

Paul, H.-I. 9
Peeling, J. 73

Rahten, A. 149
Rashid, M.A.M. 105
Reicha, F.M. 115
Rodante, F. 163
Roman, J. 1

Salih, Z.S. 91
Szychliński, J. 239

Tamarit, J.Ll. 337
Touchard, M. 345
Trazza, A. 163

Vance, E.R. 65
Varma, D.S. 199
Varma, I.K. 199
Varma, M. 199
Vergnaud, J.M. 345

Walmsley, F. 325
Warnke, Z. 265
Wesołowski, M. 57
Wheeler, M.T. 325

Zgambo, T.P. 79

THERMOCHIMICA ACTA, VOLUME 108 (1986)

SUBJECT INDEX

Alkali and pseudo-alkali halides,
relation between heats of formation of alkali and pseudo-alkali halides and electronegativities of halogen ions (Ohashi) 189

Alkanaminium hexachloroplumbates,
thermal reactions of lead(IV) chloride complexes in the solid state. Part VI. Thermal properties, thermochemistry and kinetics of the thermal decomposition of alkanaminium hexachloroplumbates (Błazejowski et al.) 239

n-Alkanes,
measurements of VLE, H^E and V^E for binary mixtures of n-alkanes with n-alkylbenzenes (Paul et al.) 9

n-Alkylbenzenes,
measurements of VLE, h^E and v^E for binary mixtures of n-alkanes with n-alkylbenzenes (Paul et al.) 9

Amines,
thermodynamics of associated solutions. Excess thermodynamic properties of liquid mixtures of some organic compounds with amines (Nagata) 305

4-Amino-1,6-dihydro-1-methyl-2-methylthio-5-nitroso-6-oxo-pyrimidine complexes,
the stability and thermodynamic functions of 4-amino-1,6-dihydro-1-methyl-2-methylthio-5-nitroso-6-oxo-pyrimidine complexes with Mn(II), Fe(II), Co(II), Ni(II) and Cu(II) (López-Garzón et al.) 181

1-Aminonaphthalene,
evaluation of 1-aminonaphthaline and 1-hydroxynaphthalene as antioxidants for mineral oils by differential scanning calorimetry (Al-Sammerrai, Salih) 91

2-Aminooxyacids,
thermal properties and thermochemistry of hydrochlorides of 2-aminooxyacids and their esters (Warnke, Błazejowski) 265

A_2MX_4 [$A = (C_2H_5)_4N$; M = Co(II), Ni(II) and Cu(II); X = Cl and Br],
phase transition and decomposition of AMX_4 [$A = (C_2H_5)_4N$; M = Co(II), Ni(II) and Cu(II); X = Cl and Br] (Ghosh, Chaudhuri) 97

Anthracene,
precursor states for the graphitization of naphthalene, anthracene, phenanthrene and chrysene (Hossain, Dollimore) 211

Asbestos,
physicochemical characterization of asbestos and attapulgite mineral fibers before and after treatment with phosphorus oxychloride (Khorami, Nadeau) 279

Associated solutions,
thermodynamics of associated solutions. Excess thermodynamic properties of liquid mixtures of some organic compounds with amines (Nagata) 305

Attapulgite mineral fibers,
physicochemical characterization of asbestos and attapulgite mineral fibers before and after treatment with phosphorus oxychloride (Khorami, Nadeau) 279

Cadmium metavanadate,
cadmium metavanadate formation. Part II. Quantitative X-ray diffraction, scanning electron microscopy and EDS studies (Garcia-Clavel et al.) 33

Chrysene,
precursor states for the graphitization of naphthalene, anthracene, phenanthrene and chrysene (Hossain, Dollimore) 211

Coal reactivity,
physicochemical characterization of coal and coal reactivity: a review (Kneller) 357

Coir fibres,
thermal behaviour of coir fibres (Varma et al.) 199

CsI,
thermodynamic properties of CsI. II. Vapour pressures and thermochemical properties of CsI(g) and Cs_2I_2(g) (Cordfunke) 45

Decontaminating agents,
thermoanalytical investigations on decontaminating agents for use in nuclear plants (Ohrbach et al.) 175

Dimethyl sulphoxide–water mixtures,
absolute electrode potentials in dimethyl sulphoxide–water mixtures and transfer free energies of individual ions (Elsemongy, Reicha) 115

Dioxynitrate of lead,
study of the degradation in open atmosphere of the hydrated dioxynitrate of lead (García-Clavel et al.) 29

Diphenylglyoxal solutions,
entropies of diphenylglyoxal solutions in non-polar solvents (Jimenez, Ordoñez) 221

Electron transfer processes,
thermodynamics of electron transfer processes in liquid and gas phases. 1. Correlations of electrooxidation and ionization potentials with substituent constants for some indole and indolizine derivatives: quantitative solvation free energies (Marrosu et al.) 163

Harmonic analysis,
application of harmonic analysis and standard inverse filtering to a DTA system (Font et al.) 337

1-Hydroxynaphthalene,
evaluation of 1-aminonaphthaline and 1-hydroxynaphthalene as antioxidants for mineral oils by differential scanning calorimetry (Al-Sammerrai, Salih) 91

Indole,
thermodynamics of electron transfer processes in liquid and gas phases. 1. Correlations of electrooxidation and ionization potentials with substituent constants for some indole and indolizine derivatives: quantitative solvation free energies (Marrosu et al.) 163

Indolizine derivatives,
thermodynamics of electron transfer processes in liquid and gas phases. 1. Correlations of electrooxidation and ionization potentials with substituent constants for some indole and indolizine derivatives: quantitative solvation free energies (Marrosu et al.) 163

Kinetics,
systematic investigation of the rehydration kinetics of a reversible salt. II. Study of the generalization of these kinetics (Chanaa et al.) 289

(La–Dy) phosphates,
DTA study of the rhabdophane to monazite transformation in rare earth (La–Dy) phosphates (Jonasson, Vance) 65

Lead(IV) chloride complexes,
thermal reactions of lead(IV) chloride complexes in the solid state. Part VI. Thermal properties, thermochemistry and kinetics of the thermal decomposition of alkanaminium hexachloroplumbates (Błazejowski et al.) 239

N-Methylpyrrolidone,
thermodynamics of mixtures of *N*-methylpyrrolidone with hydrocarbons and their hydroxyl derivatives (Gierycz) 229

Mineral oils,
evaluation of 1-aminonaphthaline and 1-hydroxynaphthalene as antioxidants for mineral oils by differential scanning calorimetry (Al-Sammerrai, Salih) 91

Molybdenum(IV) dialkyl dithiocarbamate,
thermal studies on molybdenum(IV) dialkyl dithiocarbamate adducts with pyridine (Lozano et al.) 1

Monazite,
DTA study of the rhabdophane to monazite transformation in rare earth (La–Dy) phosphates (Jonasson, Vance) 65

Multicell microcalorimeter,
construction of a multicell microcalorimeter (Zgambo et al.) 79

Naphthalene,
evaluation of 1-aminonaphthaline and 1-hydroxynaphthalene as antioxidants for mineral oils by differential scanning calorimetry (Al-Sammerrai, Salih) 91
precursor states for the graphitization of naphthalene, anthracene, phenanthrene and chrysene (Hossain, Dollimore) 211

$(N_2H_5)_2SiF_6$,
synthesis and characterization of $(N_2H_5)_2SiF_6$ and thermal analysis of $(N_2H_5)_2SiF_6$ and $N_2H_6SiF_6$ (Gantar, Rahten) 149

Nuclear plants,
thermoanalytical investigations on decontaminating agents for use in nuclear plants (Ohrbach et al.) 175

Organic compounds,
thermodynamics of associated solutions. Excess thermodynamic properties of liquid mixtures of some organic compounds with amines (Nagata) 305

Phenanthrene,
precursor states for the graphitization of naphthalene, anthracene, phenanthrene and chrysene (Hossain, Dollimore) 211

Phosphorus oxychloride,
physicochemical characterization of asbestos and attapulgite mineral fibers before and after treatment with phosphorus oxychloride (Khorami, Nadeau) 279

Polyarene-phosphorochloridates,
synthesis, characterization and thermal behaviour of some polyarene-phosphorochloridates (Ahmed et al.) 105

Propylene glycol,
thermodynamic properties of single ions in propylene glycol and its aqueous mixtures (Elsemongy) 133
Pyridine,
thermal studies on molybdenum(IV) dialkyl dithiocarbamate adducts with pyridine (Lozano et al.) 1

Reversible salt,
systematic investigation of the rehydration kinetics of a reversible salt. II. Study of the generalization of these kinetics (Chanaa et al.) 289
Rhabdophane,
DTA study of the rhabdophane to monazite transformation in rare earth (La–Dy) phosphates) (Jonasson, Vance) 65
Rhodium(III) complexes,
effect of substitutents on the stability of rhodium(III) complexes. I. Methyl and sulphur substituted uracils (Lusty et al.) 73
Rubber,
effect of sample size and heating rate on cure reaction of rubber in DSC (Armand et al.) 345

Si–$X_2S_2O_8$ (X = Na, K) binary systems,
simultaneous thermoanalytical examinations of Si–$X_2S_2O_8$ (X = Na, K) binary systems (Jasim, Jasim) 157
Standard inverse filtering,
application of harmonic analysis and standard inverse filtering to a DTA system (Font et al.) 337

Thorium,
thorium as a carbon oxidation catalyst (McKee) 389
Toothpastes,
thermal decomposition of toothpastes and toothpowders (Wesołowski) 57
1,4,5-Triazanaphthalene,
transition metal nitrate complexes of 1,4,5-triazanaphthalene (Wheeler et al.) 325

Uracils,
effect of substitutents on the stability of rhodium(III) complexes. I. Methyl and sulphur substituted uracils (Lusty et al.) 73